

IN THE UNITED STATES PATENTS AND TRADEMARK OFFICE

In re application of:

Hrastar

Filed: November 4, 2003

Serial No. 10/700,914

For: "SYSTEMS AND METHODS FOR
DETERMINING WIRELESS NETWORK
TOPOLOGY"



)
) Group Art Unit: 2154

) Examiner: TBD

) Confirmation No. 7780
)
)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

JONES DAY
Customer No. 36587

March 2, 2004

Sir:


Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying modified PTO-1449 form is a listing of a documents known to the applicants and/or their attorneys. Copies of the U.S. Patents and Published Applications were not submitted pursuant to 1276 OG 55, which states that Information Disclosure Statements may be filed without copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003.

This Information Disclosure Statement (IDS) is submitted pursuant to 37 C.F.R. § 1.97(b)(3), before the mailing of a first Office action on the merits.

Consideration of the cited document and making the same of record in the prosecution of the above-captioned application are respectfully requested.

No fee is believed due; however, the Commissioner is hereby authorized to charge any additional fee which may be required to Deposit Account No. 50-2724 in connection with Ref. No. 093615600012.

Respectfully submitted,

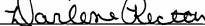


David S. Kerven
Registration No. 43,712

JONES DAY
Customer No. 36587
404-521-3939
dskerven@jonesday.com

CERTIFICATE OF MAILING

I hereby certify that this correspondence and a Modified PTO Form 1449 are being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P. O. Box 1450, Alexandria, VA 2233-1450, on the date shown below.



Darlene Rector

3/2/04

Date



ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.T./

ATTORNEY DOCKET NO. 093615600012

SERIAL NO. 10/700,914

Page 1 of 5

Modified Form PTO-1449

U.S. DEPARTMENT OF COMMERCE (Rev. 7-80)
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO. 093615600012

APPLICATION NO. 10/700,914

APPLICANT: Hrastar

FILING DATE: November 4, 2003

GROUP: 2104

EXAMINER NAME: TBD

CONFIRMATION NO. 7780

LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NO.	DATE	PATENTEE or APPLICANT	KIND	CLASS	SUBCLASS
	C1	6272129	8/7/01	Dynarski et. al.	B1		
	C2	5745483	4/28/98	Nakagawa et. al.			
	C3	5745479	4/28/98	Burns et. al.			
	C4	5339316	8/16/94	Diepstraten			
	C5	5825817	10/20/98	Tamaka et. al.			
	C6	5768312	6/16/98	Isumura			
	C7	6539428	3/25/03	Davies	B2		
	C8	6477198	11/05/02	Gumm	B1		
	C9	6151357	11/21/00	Jawahar et. al.			
	C10	6272172	8/7/01	Dempande et. al.	B1		
	C11	6104712	8/15/00	Robert et. al.			
	C12	5787077	7/28/99	Kuehnelt et. al.			
	C13	5737328	4/7/98	Norman et. al.			
	C14	5487069	1/23/96	O'Sullivan et. al.			
	C15	6400752	6/04/02	Suzuki et. al.			
	C16	6501951	12/31/02	Moore	B2		
	C17	6178512	1/23/01	Fifield	B1		
	C18	6453345	9/17/02	Trcka et. al.	B2		
	C19	5663477	3/26/02	Fletcher et. al.	B1		
	C20	6522689	2/18/03	Heinrich	B1		
	C21	5919258	7/6/99	Kayashima et. al.			
	C22	6158010	12/05/00	Moriconi et. al.			
	C23	6070244	5/30/00	Orchier et. al.			
	C24	5903848	5/11/99	Takahashi			

Modified Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)			ATTORNEY DOCKET NO. 093615600012			APPLICATION NO. 10/700,914		
			APPLICANT: Hrastar					
			FILING DATE: November 4, 2003				GROUP: 2154	
			EXAMINER NAME: TBD				CONFIRMATION NO. 7780	
	C25	6411688	6/25/02	Sharony				
	C26	6404772	6/11/02	Beach et. al.				
	C27	5393965	2/28/95	Bravman et. al.				
	C28	5646389	7/8/97	Bravman et. al.				
	C29	5866888	2/2/99	Bravman et. al.				
	C30	6330244	12/11/01	Swartz et. al.				
	C31	6466608	10/15/02	Hong et. al.				
	C32	6292508	9/18/01	Hong et. al.				
	C33	5913174	6/15/99	Casarez et. al.				
	C34	5875179	2/23/99	Tikalsky				
	C35	5844900	12/01/98	Hong et. al.				
	C36	6473449	10/29/02	Cafarella et. al.				
	C37	580906	9/15/98	Cafarella et. al.				
	C38	6006090	12/21/99	Coleman et. al.				
	C39	5231634	7/27/98	Giles et. al.				
	C40	5077753	12/31/91	Grau, Jr. et. al.				
	C41	6539207	3/25/03	del Castillo et. al.				
	C42	6507864	1/14/03	Klein et. al.				
	C43	6484029	11/19/02	Hughes et. al.				
	C44	6188681	2/13/01	Vesuna				
	C45	6067207	5/23/00	Beach				
	C46	6424647	11/27/01	Bowman-Amuah				
	C47	6320948	11/20/01	Heilmann et. al.				
	C48	6317829	11/13/01	Van Oorschot				
	C49	6304973	10/16/01	Williams				
	C50	6289214	9/11/01	Backstrom				
	C51	6202157	3/13/01	Brownlie et. al.				

Modified Form PTO-1449
U.S. DEPARTMENT OF COMMERCE (Rev. 7-80)
PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

ATTORNEY DOCKET NO. 093615600012

APPLICATION NO. 10/700,914

APPLICANT: Hrastar

FILING DATE: November 4, 2003

GROUP: 2154

EXAMINER NAME: TBD

CONFIRMATION NO. 7780

C52	6185689	2/06/01	Todd, Sr. et. al.		
C53	6145083	11/07/00	Shaffer et. al.		
C54	6141778	10/31/00	Kane et. al.		
C55	6119230	9/12/00	Carter		
C56	6058482	9/02/00	Liu		
C57	5987609	11/18/99	Hasebe		
C58	5940591	8/17/99	Boyle et. al.		
C59	5896499	4/20/99	McKelvey		
C60	5796942	8/18/98	Esbenzen		
C61	5781857	7/14/98	Hwang et. al.		
C62	5577209	11/19/96	Boyle et. al.		
C63	20030108016	6/12/03	Bong	A1	
C64	20030096577	5/22/03	Heinonen et. al.	A1	
C65	20030095520	5/22/03	Aalbers et. al.	A1	
C66	20030048770	3/23/03	Proctor, Jr.	A1	
C67	20020072329	6/13/02	Bandeira et. al.	A1	
C68	20010027107	10/04/01	Shinozaki et. al.	A1	
C69	20030026198	2/06/03	Diepstraten et. al.	A1	
C70	20030036604	2/20/03	Adachi et. al.	A1	
C71	20030174364	11/21/02	Nordman et. al.	A1	
C72	20020160769	10/31/02	Gray	A1	
C73	20020044533	4/18/02	Bahl et. al.	A1	
C74	20020035699	3/21/02	Crosbie	A1	
C75	20030064720	4/03/03	Valins et. al.	A1	
C76	20030065934	4/03/03	Angelo et. al.	A1	
C77	20030126258	7/03/03	Conkright et. al.	A1	

Modified Form PTO-1449
 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80)
 PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT
 (Use several sheets if necessary)

ATTORNEY DOCKET NO. 093615600012

APPLICATION NO. 10/700,914

APPLICANT: Hrastar

FILING DATE: November 4, 2003

GROUP: 2154

EXAMINER NAME: TBD

CONFIRMATION NO. 7780

C78	20030096607	5/22/03	Taylor	A1		
C79	20030061344	3/27/03	Monroe	A1		
C80	20030117985	6/26/03	Fujii et. al.	A1		
C81	20010030956	10/18/01	Chillariga et. al.	A1		
C82	20020181417	12/05/02	Malhotra et. al.	A1		
C83	20030063592	4/03/03	Seki et. al.	A1		
C84	20030021284	1/30/03	Ekubo	A1		
C85	20030135762	7/17/03	Macaulay	A1		
C86	20030125035	7/03/03	Khafizov et. al.	A1		
C87	20030123420	7/03/03	Sherlock	A1		
C88	20030120821	6/26/03	Thermond et. al.	A1		
C89	20030100308	5/29/03	Rusch	A1		
C90	20030060207	3/27/03	Sugaya et. al.	A1		
C91	20020176437	11/28/02	Busch et. al.	A1		
C92	20020101837	8/01/02	Bender et. al.	A1		
C93	20020060995	5/23/02	Cervello et. al.	A1		
C94	20030110398	6/12/03	Dacier et. al.	A1		
C95	20030117986	6/26/03	Thermond et. al.	A1		
C96	20030088789	5/08/03	Fenton et. al.	A1		
C97	20020147920	10/10/02	Mauro	A1		
C98	20020138755	9/26/02	Ko	A1		
C99	20020112047	8/15/02	Kushwaha et. al.	A1		
C100	20020060994	5/23/02	Kovacs et. al.	A1		
C101	20020061031	5/23/02	Sugar et. al.	A1		
C102	20020178383	11/28/02	Hrabik et. al.	A1		
C103	20030009696	1/09/03	Bunker V. et. al.	A1		
C104	20030084323	5/01/03	Gales	A1		

Modified Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				ATTORNEY DOCKET NO. 093615600012		APPLICATION NO. 10/700,914			
				APPLICANT: Hraatar					
				FILING DATE: November 4, 2003				GROUP: 2154	
				EXAMINER NAME: TBD				CONFIRMATION NO. 7780	
	C105	20030061506	3/27/03	Cooper et. al.	A1				
	C106	20030105976	6/05/03	Copeland, III	A1				
	C107	20020112185	8/15/02	Hodges	A1				
	C108	20020087882	7/04/02	Schneier et. al.	A1				
	C109	20020083343	6/27/02	Crosbie et. al.	A1				
	C110	20020066034	5/30/02	Schlossberg et. al.	A1				
	C111	20010039579	11/08/01	Trcka et. al.	A1				
	C112	20010038626	11/08/01	Dynarski et. al.	A1				
	C113	20020090952	7/11/02	Cantwell	A1				
	C114	20030119526	6/26/03	Edge	A1				
	C115	20030117966	6/26/03	Chen	A1				
	C116	20020021745	2/21/02	Negus					
	C117	20020029288	3/7/02	Dobbins et. al.					
EXAMINER: /Backhean Tiv/				DATE CONSIDERED: 08/06/2008					
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.T./